

General Procedures for General Permits

AVAILABLE GENERAL PERMITS

GP-001 Bulk Solid Materials Receiving and Storage Systems

Bulk solid materials receiving and storage systems using pneumatic or mechanical conveying where all particulate air contaminant emissions are captured and vented to a particulate control apparatus with a minimum design removal efficiency of 99%.

GP-002 Confined Abrasive Blasting Equipment

One or more pieces of confined (enclosed) abrasive blasting equipment, located at the same facility, where all air contaminant emissions from the equipment are captured and vented to a particulate control apparatus with a minimum design removal efficiency of 99%.

GP-003 Woodworking Equipment

One or more pieces of woodworking equipment, located at the same facility, where all air contaminant emissions from the equipment are captured and vented to a particulate control apparatus with a minimum design removal efficiency of 99%.

GP-004 Storage and Transfer of Service Station Fuels at Gasoline Dispensing Facilities

One or more pieces of equipment used for storing and dispensing service station fuels, located at a single **gasoline dispensing facility** which:

- a. has Stage 1 vapor recovery equipment which complies with NJAC 7:27-16.3 on all gasoline tanks at the facility; and
- b. has Stage 2 vapor recovery equipment which complies with NJAC 7:27-16.3 on all gasoline dispensing equipment at the facility.

GP-005 Emergency Generator

A single emergency generator which operates no more than 500 hours per year and has a maximum rated capacity (gross heat input) that is less than or equal to **15 MMBTU/hr** (approximately 1.5 Megawatts electrical output) when combusting Number 2 Fuel Oil, Diesel or Kerosene, or that is less than or equal to **40 MMBTU/hr** (approximately 4 Megawatts electrical output) when combusting Natural Gas or Propane.

GP-006 Boilers Less Than 10 Million BTU/Hr

A single boiler with a maximum rated capacity (gross heat input) of less than 10 million BTU per hour, combusting Natural Gas, Propane, Number 2 Fuel Oil, Diesel, Kerosene, or a combination of these fuels, and no other fuels.

GP-006A Boilers and Heaters Individually Less Than 10 Million BTU/Hr

The construction, installation, reconstruction and operation of single or multiple external combustion units [boilers and heaters, or any combination thereof, firing natural gas, propane, kerosene, diesel oil or No. 2 fuel oil exclusively].

GP-007 Stationary Non-Floating Roof Storage Tank(s) Storing Volatile Organic Compounds (VOCs)

Stationary non-floating roof storage tank, or group of tanks, which are used for storing VOCs or a mixture of VOCs. All tanks covered by this General Permit must fall within a single size category that is defined by the tank capacity and maximum vapor pressure limits. These tank size/vapor pressure categories are as follows:

- Tank(s) with a maximum capacity of 20,000 gallons or less, the vapor pressure of the VOCs being stored shall be less than 11.1 psia (pounds per square inch absolute) at 70 degrees Fahrenheit;
- Tank(s) with a maximum capacity greater than 20,000 gallons, but less than or equal to 40,000 gallons, the vapor pressure of the VOCs being stored shall be less than 4.0 psia at 70 degrees Fahrenheit;
- Tank(s) has a maximum capacity of greater than 40,000 gallons, but less than or equal to 300,000 gallons, the vapor pressure of the VOCs being stored shall be less than 0.75 psia at 70 degrees Fahrenheit.

GP-008 Site Remediation Activities for Gasoline Contamination at Vehicle Fueling Stations

One or more of the following types of remediation systems at the specified location:

1. Soil Vapor Extraction without Air Sparging;
2. Air Sparging with simultaneous Soil Vapor Extraction;
3. Groundwater Air Stripping.

This General Permit will allow the remediation of subsurface gasoline contamination at vehicle fueling stations, including current or former retail gasoline stations, vehicle fueling activities located at municipal, county and state garages, fire and

police departments, and similar vehicle fueling activities located at commercial and industrial sites. Remediation activities conducted at an adjacent property may be included under this General Permit as long as the activities are related to, and are conducted concurrent with, remediation activities at a vehicle fueling station covered by this General Permit and utilize an approved off-gas control apparatus.

The site remediation activities covered under this General Permit are solely for contamination due to gasoline discharges. It does not include site remediation activities being conducted at bulk fuel terminals, petroleum refineries, or chemical manufacturing sites.

This General Permit can also be used to conduct a pilot test at vehicle fueling station sites in accordance with N.J.A.C. 7:27-8.9 as long as an approved off-gas control apparatus is used.

The off-gas control apparatus that may be used under this General Permit to reduce air emissions of off-gases during site remediation activities are limited to a thermal oxidizer, catalytic oxidizer, or carbon adsorption system consisting of a minimum of two carbon beds connected in series.

This General Permit allows the replacement of one type of remediation system and/or control apparatus with another system throughout the duration of the project as long as each complies with the applicable requirements of this General Permit. This provision permits the Permit Applicant to use the remediation systems and/or control devices that are the most suitable for the kind and amounts of air contaminants being emitted during the cleanup activity.

GENERAL PERMIT LIMITATIONS

1. Pursuant to N.J.A.C. 7:27-8, any person who wishes to construct, install, reconstruct or modify equipment under the authority of the General Permit may use the General Permit Registration Form, if the piece of equipment meets the APPLICABILITY listed in the General Permit.
2. General Permits may only be used for equipment located at facilities **without** an approved Title V Operating Permit. Facilities that will be getting a Title V Operating Permit in the future or those that are in the process of getting a Title V Operating Permit currently, may use General Permits until they get an approved Title V Operating Permit. Equipment located at facilities with an approved Title V Operating Permit shall consult N.J.A.C. 7:27-22 for applicability.
3. General Permits **may not** be used in cases where, during the last five-year period, annual emissions of any air contaminant from the facility where the piece of equipment is, or will be located, have increased by such amounts (this includes emissions from the piece of equipment) as to trigger other regulatory requirements such as those at 40 CFR 52

(PSD) or N.J.A.C. 7:27-18 (Emission Offsets).

4. Some General Permit Registrations will be for multiple pieces of equipment, others will be for a single piece of equipment. The instructions to the Registration Form for the specific General Permit will specify when more than one piece of equipment could be covered under a single General Permit.

EFFECTIVE DATE OF REGISTRATION

1. The Registrant may construct, install, reconstruct, modify and operate Equipment covered under the General Permit when all of the applicable requirements listed in the General Permit are met, and when the signed Registration Form, along with the Registration Fee, are sent to the Department. The *Effective Date of Registration* shall be the date on the Acknowledgment Letter that the Registrant receives once the General Permit has been processed by the Department.
2. The Registrant may also file electronically by using the **world wide web** at www.state.nj.us/dep/aqpp/gponline.html.

EXPIRATION DATE

1. The authority to act under this General Permit shall be effective for a period of five years from the *Effective Date of Registration*. For those facilities that receive a Title V Operating Permit while a General Permit Registration is effective, the expiration date of the General Permit becomes that of the Operating Permit.

RENEWALS

1. Six months prior to expiration of the operational authority under this General Permit, a renewal notice will be sent from the Department to the Permittee. For the operational authority to remain in effect, the Permittee must complete and return the Registration form, with the appropriate fees, to the Department. For those facilities that receive a Title V Operating Permit, there is no need to renew the General Permit. Renewal of the General Permit will occur when the Operating Permit is renewed. The Permittee may apply for the registration on the **world wide web** at www.state.nj.us/dep/aqpp/gponline.html.

CHANGES

1. Permit Revisions

Equipment: The General Permit is for the construction, installation, reconstruction, modification and/or operation of a piece of equipment eligible for this General Permit. When the General Permit offers more than one general permit selection (permitting option), as in the case of boilers and emergency generators (see Section D of the

Registration Form), changes in the option chosen on the Registration Form require a **new** Registration Form and a **new** Registration Fee.

2. **Permit Amendments**

Facility: For changes to Section A of the Registration Form (except for facility location), the General Permit must be amended pursuant to N.J.A.C. 7:27-8, with the appropriate fee and amendment form, within 120 days after the change.

CONTENTS OF AN ADMINISTRATIVELY COMPLETE REGISTRATION

1. **Registration Form:** Any person proposing to act under the authority of the General Permit shall register with the Department using the Registration Form (R-GP-...) included with this packet. All sections of that form **must** be completed (except when the instructions say otherwise), and the Form must be signed by the individual with direct knowledge and the responsible official. The Registrant may also file electronically by using the **world wide web** at www.state.nj.us/dep/aqpp/gponline.html.
2. Registration Fee (check, payable to "Treasurer, State of New Jersey"): For the convenience of the Registrant, the fee amount for the Registration under a General Permit is provided in the Registration Form, whenever appropriate. A General Permit Registration Form shall not be deemed complete, and no activity shall be authorized by the General Permit, unless the Registration Fee is submitted with the completed General Permit Registration Form. When filing electronically, the Registrant shall submit the fee on-line via credit card.
3. A completed Registration Form (R-GP.) and Registration Fee shall be sent to the Department at:

N.J. Dept. Of Environmental Protection
Bureau of New Source Review
P.O. Box 027
401 E. State Street
Trenton, NJ 08625-0027

The Registration Form can be either hand-delivered or sent to the Department through regular or certified mail. ***The Registrant should keep a copy of the General Permit and Registration Form for their records.***

GENERAL PROVISIONS

1. Permits and certificates issued under N.J.A.C. 7:27-8 are based on emissions of air contaminants only and do not in any way relieve the Permittee from the obligation to obtain necessary permits from other governmental agencies.
2. The Department issues the General Permit on the basis of the equipment descriptions and operating procedures presented in the Registration. If the final design and operation of the equipment differ from those presented, this Permit is invalid.
3. The General Permit approval shall not be construed as superseding the terms and conditions of any Administrative Order or any Administrative Consent Order issued by the Department to the Permittee.
4. The General Permit is not transferable from the facility authorized in the Registration to another, or from any one piece of equipment or control apparatus to another.
5. Equipment subject to any limit (e.g. hours of operation, fuel usage, materials processed) specified in the General Permit, it is recommended that the Permittee contact the Regional Enforcement Office for guidance and corrective action as soon as the Permittee anticipates exceedance of any limit (see the last section for a listing of the regional offices addresses and phone numbers).
6. Monitoring requirements (e.g. fuel limits or hours of operation) shall be based on calendar years unless otherwise stated in each General Permit.
7. These General Procedures and the General Permit Registration Forms may be revised without prior notice. The General Permits will only be changed after public notice and comment. **For any questions regarding general permits contact Bureau of New Source Review at (609) 633-8221.**

OTHER

1. Facilities are required to submit **annual emission statements** of their actual emissions, if the Potential-to-emit for the **entire** facility exceeds the following thresholds (including all emissions from the facility, both permitted and unpermitted).

<u>Air Contaminant</u>	<u>Threshold in Tons per Year</u>
VOC (Volatile Organic Compounds)	10
NOx (Oxides of Nitrogen)	25
CO (Carbon Monoxide)	100
SO2 (Sulfur Dioxide)	100
TSP (Total Suspended Particulates)	100
PM10 (Particulate Matter under 10 micros)	100
Lead	5

Actions required to be performed by the permittee:

Your facility is required to submit an annual emission statement if it exceeds any of the above amounts. Additional Information about Emission Statement reports can be obtained by calling (609) 984-5483.

2. Facilities are required to submit a **Title V Operating Permit** if the potential-to-emit for the entire facility **exceeds** any of the following thresholds (including all emissions from the facility, both permitted and unpermitted):

<u>Air Contaminant</u>	<u>Threshold in Tons per Year</u>
VOC (Volatile Organic Compounds)	25
NOx (Oxides of Nitrogen)	25
CO (Carbon Monoxide)	100
SO2 (Sulfur Dioxide)	100
TSP (Total Suspended Particulates)	100
PM10 (Particulate Matter under 10 micros)	100
Lead	10
Any HAP (Hazardous Air Pollutant)	10
All HAPs Collectively	25
Any other Air Contaminant	100

Actions required to be performed by the permittee:

Your facility is required to submit a Title V Operating Permit within one year of exceeding any of the above amounts. Additional Information about Operating Permits can be obtained by calling the Operating Permit Hotline at (609) 633-8248.

REGIONAL OFFICES

1. Listed below are the Department Regional Offices.

County:	Regional Enforcement Office:
Bergen, Essex, Hudson	Metropolitan Regional Office NJ Dept. Of Environmental Protection 2 Babcock Place West Orange, NJ 07052 Phone #: (973) 669-3935 Fax #: (973) 669-3942
Hunterdon, Morris, Passaic, Somerset, Sussex, Warren	Northern Regional Office NJ Dept. of Environmental Protection 1259 Route 46 Parsippany, NJ 07054 Phone #: (973) 299-7700 Fax #: (973) 299-7712
Mercer, Middlesex, Monmouth, Ocean Union	Central Regional Office NJ Dept. of Environmental Protection P.O. Box 407 Rte 130, Horizon Center, Bldg. 300 Trenton, NJ 08625-0407 Phone #: (609) 584-4100 Fax #: (609) 584-4119
Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Salem	Southern Regional Office NJ Dept. of Environmental Protection One Port Center, 2 Riverside Dr. - Suite 201 Camden, New Jersey 08103 Phone #: (856) 614-3601 Fax #: (856) 614-3613
Statewide	Minor Source Compliance Investigations P.O. Box 407 NJ Dept. of Environmental Protection Rte 130, Horizon Center, Bldg. 300 Robbinsville, NJ 08691 Phone #: (609) 584-4240 Fax #: (609) 584-4299